SHUT'KO, Viktor Mikhaylovich; KAL'NITS'KIY, R.Ya., red.; SHEVCHENKO, M.G. [Shevchenko, M.H.], tekhn.red.

[We build dwellings for our workers] Buduiemo zhytla dlia trudiashchykh. Kharkiv, Kharkivs'ke obl.vyd-vo, 1958. 34 p. (MIRA 13:1)

1. Brigadir kompleksnoi brigadi mulyariv-montazhnikiv budtrestu No.87, g.Khar'kov (for Shut'ko).
(Kharkov--Construction workers)
(Labor and laboring classes--Dwellings)

NOZHKA, Vasiliy Danilovich; KAL'NITSKIY, R.Ya. [Kal'nyts'kyi, R.IA.], red.; LIMANOVA, M.I., tekhn.red.

[Present and future of state farm] Suchasne i maibutnie radhospu. Kharkiv, Kharkivs'ke knyzhkove vyd-vo, 1960. 126 p. (MIRA 14:4)

1. Direktor Ul'yanovskogo sovkhoza, Khar'kovskaya oblast', stantsiya Kup'yevakha.
(State farms)

PAVLOV, Yuriy Filippovich; KAL'NITSKIY, R.Ya.[Kal'nyts'kyi, R.IA.], red.

[100 per 100; how the Frunze Collective farm strives to achieve the production of one hundred centners of meat per hundred hectares of arable land] 100 na 100; iak kolhosp imeni Frunze boret'sia za oderzhannia 100 ts m'iasa na 100 ha ornoi zemli. Kharkiv, Kharkivs'ke knyzhkove vydvo, 1962. 34 p. (MIRA 17:9)

1. Zaveduyushchiy kolkhozom imeni Frunze Khar'kovskogo rayona (for Pavlov).

PANASENKO, Ol'ga Kondrat'yevna, ptichnitsa; KAL'NITSKIY, R.Ya., [Kal'nyts'kyi, R.IA.], red.; LIMANOVA, M.I. [Lymanova, M.I.], tekhn. red.

[One million eggs per year] Mil'ion iaiets' za rik. Kharkiv, Kharkivs'ke knyzhkove vyd-vo, 1963. 22 p. (MIRA 17:1)

1. Sovkhoz imeni Kuybysheva Izyumskogo proizvodstvennogo upravleniya Khar'kovskoy oblasti (for Panasenko).

MERKULOVA, Anna Yegorovna [Merkulova, H.IA.]; KAL'NITSKIY, R.Ya., red. [Kal'nyts'kyi, R.IA.], red.; LIMANOVA, M.I. [Lymanova, M.I.], tekhn. red.

[How we raise young pigs] Iak my vyroshchuiemo porosiat. Kharkiv, Kharkivs'ke knyzhkove vyd-vo, 1963. 25 p. (MIRA 17:1)

1. Brigadir svinofermy Aleksandrovskogo sovkhoza Vovchanskogo rayona Khar'kovskoy oblasti (for Merkulova).

LYAKH, Vasiliy Fedorovich, Geroy sotsialisticheskogo Truda;
KAL'NITSKIY, R.Ya. [Kal'nyts'kyi, R.IA.], red.;
LIMANOVA, M.I. [Lymanova, M.I.], tekhn. red.

[Collective farm resources in action] Kolhospni rezervy - v diiu. Kharkiv, Kharkivs'ke knyzhkove vyd-vo, 1963. 32 p.
(MIRA 17:1)

1. Upravlyayushchiy kolkhoza imeni Lenina Val'kivskogo rayona, Khar'kovskoy oblasti (for Lyakh).

ROSENKO, Aleksey Ksenofontovich; TELESHEK, K.G. [Teleshek, K.H.], doktor ekon. nauk, prof. red.; KAL'NITSKIY, R.Ya. [Kal'nyts'kyi, R.IA.], red.; SHEVCHENKO, M.G.[Shevchenko, M.H.], tekhn. red.

[Organization of seed production and the economic problems of grain production] Organizatsiia nasinnytstva i pytannia ekonomiky vyrobnytstva zerna. [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 1963. 38 p. (MIRA 17:3)

KAL'NITSKIY, R.Ya.[Kal'nyts'kyi, R.IA.], red.; SHEVCHENKO, M.G.[Shevchenko, M.H.], tekhn. red.

[So that there may be no lagging collective farms] Shchob ne bulo vidstaiuchykh kolhospiv; sbirnyk statei. Kharkiv, Kharkivs'ke knyzhkove vyd-vo, 1963. 43 p. (MIRA 17:1)

PETROVSKIY, Aleksandr Markianovich [Petrovs'kyi,O.M., agronom;
KAL'NITSKIY, R.Ya.[Kal'nyts'kyi, R.IA.], red.;
SHEVCHENKO, M.G. [Shevchenko, M.H.], tekhn. red.

[On the "Maiak" Collective Farm; an account of a progressive artel in Kharkov Province] V kolhospi "Maiak"; rozpovid' pro peredovu artil' na Kharkivshchyni. Kharkiv, Kharkivs'ke knyzhkove vyd-vo, 1963. 65 p. (MIRA 17:2)

KULESHOV, Nikolay Nikolayevich, akademik; KAL'NITSKIY, K.Ya., red.

[Road to large and stable corn crops] Put' k vysokim ustroichivym urozhaiam kukuruzy. Khar'kov, Khar'kovskoe knizhnoe izd-vo, 1962. 36 p. (MIRA 17:9)

1. Akademiya nauk Ukr.SSR i Ukrainskaya Akademiya sel'skokhozyaystvennykh nauk (for Kuleshov).

GRIKHNO, Andrey Ivanovich [Hrikhno, A.I.]; KAL'NITSKIY, R.Ia. [Kal'nyts'kyi, R.IA.], red.

[Improving organization and wages on collective farms] Udoskonalennia organizatsii ta oplaty pratsi v kolhospakh. Kharkiv, Kharkivs'ke knyzhkove vyd-vo, 1962. 34 p. (MIRA 17:10)

YEVCHENKO, Aleksey Nikolayevich, brigadir; KAL'NITSKIY, R.Ya. [Kal'nyts'kyi, R.IA.], red.

[Following the example of Vladimir Svetlichnyi] Za prykladom Volodymyra Svitlychnoho. Kharkiv, Kharkivs'ke knyzhkove vyd-vo, 1963. 25 p. (MIRA 18:10)

KAL'NITSKIY, S.I.

Protecting the tracks against quicksand. Put' i put. khoz. 9 no.2:42-43 '65. (MIRA 18:7)

1. Glavnyy inzh. Ashkhabadskogo otdeleniya Zakaspiyskoy dorogi.

KAL'NITSKIY, S.I.; DATS-EPSHTEYN, M.S.

Case of unilateral polycystic kidney. Pediatriia 38 no.10:78-79 O '59. (MIRA 13:11)

1. Iz khirurgicheskogo otdeleniya 1-y gorodskoy bol'nitsy g. Bel'tsy (glavnyy vrach L.Ya. Marmor, nav. otdeleniyem Ya.S. Kotiger).

(KIDNEYS—ABNORMITIES AND DEFORMITIES)

KAL'NITSKIY, S.I.

Case of torsion of the right half of the large intestine in strangulated dextral inguinoscrotal hernia. Zdravookhranenie 4 no.4:58 Jl-Ag '61. (MIRA 14:11)

1. Iz khirurgicheskogo otdeleniya 1-y bol'nitsy g.Bel'tsy (glavnyy vrach L.Ya.Marmor).

(HERNIA)

KAL'NITSKIY, S.I.

Use of oxygen in local treatment of trophic ulcers of the lower extremities in case of varicose veins. Zdravookhraneniye 6 no.1:51-53 J-F'63. (MIRA 16:8)

1. Iz 1-y bol'nitsy g. Bel'tsy (glavnyy vrach L.Ya.Marmor)
(EXTREMITIES, LOWER--ULCERS) (VARIX)
(OXYGEN THERAPY)

DATS-EPSHTEYN, M.S., kand.med. nauk; KAL'NITSKIY, S.I.

Clinical aspects of the abdominal syndrome in rheumatic children. Khirurgiia 39 no.4:139-140 Ap'63 (MIRA 17:2)

1. Iz 1-y gorodskoy bol'nitsy (glavnyy vrach L.Ya.Marmor) i detskoy bol'nitsy (glavnyy vrach L.G.Gerekke) g. Bel'tsy.

KAL'NITSKIY, S.L., inzhener.

Machining blades with a variable profile for the GT-12-3 gas-turbine installation. Energomashinostroenie no.5:19-21 My '56. (Blades) (Metal cutting) (MLRA 9:9)

57

PHASE I BOOK EXPLOITATION SOV/5460

Leningradskiy metallicheskiy zavod. Otdel tekhnicheskoy informatsii.

Nekotoryye voprosy tekhnologii proizvodstva turbin (Certain Problems in the Manufacture of Turbines) Moscow, Mashgiz, 1960. 398 p. (Series: Its: Trudy, vyp. 7) Errata slip inserted. 2,100 copies printed.

Sponsoring Agency: RSFSR. Sovet narodnogo khozyaystva Leningradskogo ekonomicheskogo administrativnogo rayona, Upravleniye tyazhelogo mashinostroyeniya, and Leningradskiy dvazhdy ordena Lenina metallicheskiy zavod. Otdel tekhnicheskoy informatsii.

Ed. (Title page): G. A. Drobilko; Editorial Board: Resp. Ed.: G. A. Drobilko, B. A. Glebov, A. M. Mayzel', and M. Kh. Mernik; Tech. Ed.: A. I. Kontorovich; Managing Ed. for Literature on Machine-Building Technology: Ye. P. Naumov, Engineer, Leningrad Department, Mashgiz.

PURPOSE: This collection of articles is intended for technical personnel in turbine plants, institutes, planning organizations, as well as for production innovators.

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Certain Problems (Cont.) SOV/5460

COVERAGE: The experience of the LMZ (Leningradskiy metallicheskiy zavod - Leningrad Metalworking Plant) in the manufacture of modern large-capacity turbines is presented. Methods for the rationalization of basic manufacturing processes and for the mechanization and automation of manual operations are given. Descriptions of attachments and tools designed by LMZ for improving labor productivity and product quality are provided, and advanced inspection methods discussed. References accompany some articles. No personalities are mentioned. There are 26 references: 25 Soviet and 1 English.

TABLE OF CONTENTS:

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Certain Problems (Cont.) SOV/5460

1.1160

27533
S/123/61/000/014/018/045
A004/A101

AUTHOR: Kal'nitskiy, S. L.

TITLE: Fixture and specialized equipment for the machining of blades with profiled outline

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 14, 1961, 14-15, abstract 14B79 (V sb. "Nekotoryye vopr. tekhnol. proiz-va turbin". [Tr. Leningr. metallich. z-da, no. 7]. Moscow - Leningrad, 1960, 203-216)

TEXT: The operating part of the blades of steam and gas turbines of new design have a profile which cannot be machined by the ordinary milling methods. The author describes the working methods of profiled outline blades as it is handled at the LMZ: milling with end cutters with additional swinging of the part during the working process; milling by transverse movements utilizing three-dimensional copying devices; planing on transverse planing machines with the aid of special fixtures; milling of large-size blades by longitudinal movements on vertical milling machines utilizing three-dimensional copying devices. The author presents basic diagrams of the fixtures used for the given operations.

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27533
S/123/61/000/014/018/045
A004/A101

Fixture and specialized equipment ...

The application of the mentioned methods made it possible to increase the productivity and machining accuracy of the blades. There are 8 figures.

M. Idzon

[Abstracter's note: Complete translation]

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Card 2/2

KAL'NITSKIY, V. I.

14(10) SOV/99-59-6-13/13

AUTHOR: Sharov, N.A., Engineer

TITLE: Conference on Problems of Crop Irrigation Mechanization in the USSR

PERIODICAL: Gidrotekhnika i melioratsiya, 1959, Nr 6, pp 61-64, (USSR)

ABSTRACT: The article describes the Conference on Problems of Crop Irrigation Mechanization in the USSR called by the Vsesoyuznyy nauchno-issledovatel'skiy institut mekhanizatsii sel'skogo khozyaystva (All-Union Research Institute of Agriculture Mechanization) and held in Moscow from March 18 to 21, 1959. The conference was dedicated to problems of sprinkling. The following organizations were represented in it: research institutes, water economy corporations, institutions of higher learning, special design offices, planning organizations, industrial enterprises from the Ukhal, Ukrainian, Azerbaydzhan, Georgian, Kirgiz, Kazakh, Turkmen, and the Moldavian SSR, the RSFSR, as well as the Gosudarstvennyy Komitet po tekhnicheskoy pomoshchi pri Sovete Ministrov SSSR (State Committee for Technical Assistance Attached to the Ministers Council of the USSR), the Giprovodkhoz, and the Ministerstvo sel'skogo khozyaystva SSSR (Ministry of Agriculture of the USSR). In all, the conference was attended by more than 100 specialists and representatives of at least 55 organizations. The conference had its past developments summed up and made several decisions to promote irrigation mechanization. The following reports were delivered there: A.Y. Krasnichenko, Director of the VISKhOM, made an introductory speech; G.P. Kechaver, Senior Engineer of the Upravleniye novoy tekhniki i issledovatel'skikh rabot Ministerstva sel'skogo khozyaystva SSSR (New Equipment and Machinery Testing Administration of the Min. of Agr. USSR), lectured on "Present-Day Condition and Work Outlook for the Creation of New Sprinklers"; Candidate of Technical Sciences B.K. Vebedev, VISKhOM, - on his institute's laboratory work; Candidate of Technical Sciences S.Kh. Ganiyev-Zade, Representative of the AzNIIGiM, - on sprinkling in the Azerbaydzhan SSR; Candidate of Technical Sciences L.K. Kalandadze, GruzNIIGiM, - on sprinkling in the Georgian SSR; V.K. Archkov, Manager of the Irrigation Engineering Section of the Moskovskaya oblastnoye sel'skaya dorodvel'naya stantsiya (Moscow Station for Testing and Sprinkling Research), - on sprinkling in the Moskovskaya Oblast'; V.I. Bogdanovich, Senior Scientific Worker of the UkrNIIGiM, - on sprinkling in the Ukraine; I.P. Titka, Senior Scientific Worker and Representative of the TurkNIIGiM, - on sprinkling mechanization; A.M. Korragin, Scientific Worker of the Institut sel'skogo khozyaystva imeni Dokuchayeva (Institute of Agriculture imeni Dokuchayev), - on a mobile sprinkling system in the Central Chernozem Zone; P.I. Sharov, Chief Agronomist of the Magnitogorskiy molochno-ovoshchnoy sovkhoz (Magnitogorsk Milk and Vegetable-Growing Sovkhoz), - on sprinkling vegetables and potatoes in Southern Ural; Engineer-Hydrotechnician F.M. Yur'yev - on sprinkling cotton at the Sovkhoz "Yakhta-Aral", with an expedition of the SANIIRI doing appraisal work.

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ASSOCIATION: Glavodkhoz MSKh SSSR

Card 4/4

USCOMM-DC-61,882

KAL'NITSKIY, V.I.

Investigating the work of DDP-30/s sprinkler units under conditions of a complex microrelief. Trudy GruzNIIGiM no.20:104-117 '58. (MIRA 15:5)

(Georgia—Sprinkler irrigation)

KAL'NITSKIY, V.I.

Long-range sprinkler with forced rotation. Trudy GruzNIIGiM no.20:411-413 '58. (MIRA 15:5)
(Sprinklers)

KAL'NITSKIY, YA.

Engineer who wrote about new method of coal mining in the Chelyabinsk Coal Basin.

Soviet Source: N: Trud, #41 18 Feb 45, Mosocw. Abstracted in USAF "Treasure Island" on file in Library of Congress, Air Information Division, Report No. 88167, Unclassified.

KAL'NITSKIY, YA. B.

No. 37336--Frontal'naya samonavalka uglya v lavakh vazhneyshee sredstvo vypolneniya pyatiletki ugol'noy promyshlennosti v soda. (Teoriya I praktika samonavalki uglya.) zapiski leningr. Gornogo in-ta, T. XXIII, 1949, s. 55-68

So: Letpsis' Zhurnel'nykk Statey, Vol. 7, 1949

KAL'NITSKIY, Ya.B., kandidat tekhnicheskikh nauk; MEL'NIKOV, N.V., inzhener-konstruktor; BOGORATS, M.I., inzhener-konstruktor.

Standardizing scraper equipment. Gor.zhur. no.4:31-38 Ap '56. (MLRA 9:7)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut Gornometallurgicheskogo tresta.

(Mining machinery)

EMSEMEV, V.S., kandidat tekhnicheskikh nauk; KAL'NITSKIY, Ya.B., kandidat tekhnicheskikh nauk; SOKOKO, V.V., gornyy inzhener.

Experimental grounds for the use of a rotary-rabble loading machine. Gor.zhur. no.9:47-50 S '57. (MIRA 10:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut Gormash.
(Ore handling) (Mining machinery)

KAL'NITSKIY, Ya.B., kand. tekhn. nauk; SOBOL', A.V., gornyy inzh.; SOLOV'YEV, A.A., dots.

Mechanization of loading in mining. Gor. zhur. no.2:39-43 F '58. (MIRA 11:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut Gormash (for Kal'nitskiy, Sobol'). 2. Khar'kovskiy gornyy institut (for Solov'yev). (Mining machinery)

KAL'NITSKIY, Ya.B.

127-58-6-15/25

AUTHOR: Kal'nitskiy, Ya.B., Candidate of Technical Sciences

TITLE: From Experience in the Mechanization of Underground Loading Abroad (Iz opyta mekhanizatsii podzemnoy pogruzki za rubezhom)

PERIODICAL: Gornyy Zhurnal, 1958, Nr 6, pp 56-58 (USSR)

ABSTRACT: Different types of loading machines used abroad are described.
There are 4 references of which 2 are Soviet and 2 American.

ASSOCIATION: Gipronikel'

AVAILABLE: Library of Congress

Card 1/1 1. Machines-Ores-Loading-Characteristics

KAL'NITSKIY, Ya.B.

Tasks in improving underground loading techniques. Biul. TSIIN tsvet. met. no.8:10-12 '58. (MIRA 11:6)
(Mining machinery) (Ore handling)

SOV/127-59-4-9/27

16

AUTHOR: Kal'nitskiy, Ya.B., Candidate of Technical Sciences

TITLE: The Most Important Problems of Modernization and Creation of Loading Machines for Mines. (Pervoocherednyye zadachi modernizatsii i sozdaniya shakhtnykh pogruzochnykh mashin).

PERIODICAL: Gornyy zhurnal, 1959, Nr 4, pp 47-51 (USSR)

ABSTRACT: The author reviews the existing machines for loading operations in mines and criticizes the producers who, without taking into consideration existing experimental data or acquired experience, try to create machines which later are found to be unadapted to working conditions in mines. In 1958 a special inter-branch conference called by the Institut Gornogo Dela (the Institute of Mining Engineering) of the AS USSR collected all available materials and data and fixed the tasks of numerous institutions and plants for the development of new types of loading machines.

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The Most Important Problems of Modernization and Creation of Loading Machines for Mines.

Of the existing loading machines produced serially, only two satisfy the requirements of the mining industry: the PML-5 and PPM-4 bucket loading machines. These machines were produced by many plants, but experience showed that the best ones were produced by the "Kommunist" and Darasun Plants. The author recommends some modifications and modernizations in their design. Work on the creation of new machines of this type is now conducted by Giprorudmash, Giprokhtostroymash and Gipronikel' Institutes and by the Design Offices of many plants and industrial organizations. Different small-sized loading machines, at present on trial, are described. Unloading

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The Most Important Problems of Modernization and Creation of Loading Machines for Mines.

machines of German make, shown at the 1958 September Fair in Essen are described. The creation of continuous motion loading machines is forecast. The introduction of vibration principles is recommended. The PML-5 loading machine, to which the vibration bucket was adapted, increased its productive efficiency by 20%. The author stresses the necessity to create new or modernize the old auxiliary equipment used with loading machines. There are 2 photos, 2 diagrams and 2 Soviet references.

ASSOCIATION: Institut Gipronikel' (The Gipronikel' Institute), Leningrad.

Card 3/3

KAL'NITSKIY, Ya.B., kand.tekhn.nauk; ZAMYATIN, Ye.B., kand.tekhn.nauk

Car change in drift mining. Shakht. stroi. no.8:28-31 Ag '60. (MIRA 13:11)

(Mine railroads--Cars)

KAL'NITSKIY, Yakov Borisovich, kand. tekhn. nauk; ABRAMSON, Khanan Isaakovich, inzh.; RODIONOV, Georgiy Viktorovich, doktor tekhn. nauk; ARKHANGEL'SKIY, A.S., kand. tekhn. nauk, retsenzent; FEYGIN, L.M., otv. red.; FROLOVA, Ye.I., red. izd-va; BOLDYREVA, Z.A., tekhn. red.

[Underground mechanical loading] Podzemnaia mekhanizirovannaia pogruzka. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1961. 196 p. (MIRA 15:3)
(Mining machinery) (Loading and unloading)

KAL'NITSKIY, Ya.B., dotsent, kand.tekhn.nauk; VASIL'YEVSKIY, S.P., dotsent, kand.tekhn.nauk

Problems in the automation of stoping equipment in the mining industry. Gor. zhur. no.2:5-9 F '61. (MIRA 14:4)

1. Institut Gipronikel', Leningrad.
(Mining machinery) (Electricity in mining)

ABRAMSON, Kh.I., inzh.; KAL'NITSKIY, Ya.B., kand.tekhn.nauk; RODIONOV, G.V., doktor tekhn.nauk

Improving mine loading equipment. Gor. zhur. no.4:3-7 Ap '61. (MIRA 14:4)

1. TSentral'nyy nauchno-issledovatel'skiy institut Podzemshakhtostroy Moskva (for Abramson). 2. Gipronikel', Leningrad (for Kal'nitskiy). 3. Institut gornogo dela Sibirskogo otdeleniya AN SSSR, Novosibirsk (for Rodionov).
(Mining machinery)

KAL'NITSKIY, Yakov Borisovich, kand. tekhn. nauk; BOGORATS, Mikhail Iosifovich, inzh.; TIKHONOV, N.V., otv. red.; SILINA, L.A., red.izd-va; OVSEYENKO, V.G., tekhn. red.

[Scraper units for mining operations]Skrepernye ustanovki dlia podzemnykh rabot. Moskva, Gosgortekhizdat, 1962. 182 p. (MIRA 15:12)

(Mining machinery)

RODIONOV, Georgiy Viktorovich, doktor tekhn.nauk; KAL'NITSKIY, Yakov Borisovich, kand.tekhn.nauk; GURKOV, Konstantin Stepanovich, kand. tekhn.nauk; KOSTYLEV, Aleksandr Dmitriyevich, kand. tekhn.nauk; MIKHIREV, Petr Aleksandrovich, kand. tekhn. nauk; PRESS, Igor' Mikhaylovich, nauchnyy sotr.; SOBOL', Arkadiy Vladimirovich, st. nauchnyy sotr.; SOROKO, Veniamin Vasil'yevich, kand. tekhn.nauk; BAZANOV, A.F., kand. tekhn. nauk, retsenzent; BULATOV, S.I., red. izd-va; SHIRNOVA, G.V., tekhn. red.

[Loading machines for loose and lump materials; design, teory, and calculation]Pogruzochnye mashiny dlia sypuchikh i kuskovykh materialov; konstruktsiia, teoriia i raschet. [By]K.S.Gurkov i dr. Moskva, Mashgiz, 1962. 286 p. (MIRA 15:12)

(Loading and unloading--Equipment and supplies)

KAL'NITSKIY, Ya.B., kand.tekhn.nauk; GONIK, M.Ye., kand.tekhn.nauk; SOBOL', A.V., gornyy inzh.; GULEVITSKIY, Yu.D., gornyy inzh.

"Self-propelled equipment in mines" by M.P. Mochalin and V.A. Zvekov. Reviewed by IA.B. Kal'nitskii and others. Gor. zhur. no.7:79-80 Jl '62. (MIRA 15:7)

1. Gosudarstvennyy institut po proyektirovaniyu predpriyatiy nikelevoy promyshlennosti, Leningrad.
(Mining machinery) (Mochalin M.P.) (Zvekov, V.A.)

KAL'NITSKIY, Ya.B.; KOSTYLEV, A.D.; SOROKO, V.V.; GURKOV, K.S.

Introduce vibration equipment on a broad scale. Gor. zhur. no.12:62-63 '62. (MIRA 15:11)
(Ore handling--Equipment and supplies)
(Vibration)

KAL'NITSKIY, Ya.B., doktor tekhn.nauk

Operating life of conveyor belts used for transporting ores. Gor. zhur. no.1:54-55 Ja '64. (MIRA 17:3)

1. Nauchno-issledovatel'skiy i proyektnyy institut "Gipronikel'", Leningrad.

KAL'NITSKIY, Ya.B., doktor tekhn. nauk, prof.; DORFMAN, P.D., gornyy inzh.

Reviews and bibliography. Gor. zhur. no.2:78-79 F '65. (MIRA 18:4)

1. Nauchno-issledovatel'skiy i proyektnyy institut "Gipronikel'", Leningrad (for Kal'nitskiy). 2. Dokuchayevskiy gornyy tekhnikum (for Dorfman).

KAL'NITSKIY, Ya.B., prof.;PUZIKOV, M.S., inzh.

Methods for testing loading machines. Standartizatsiia 29 no. 11:22-23 N '65 (MIRA 19:1)

PARIBOK, V.P.; KAL'NIY, V.S.; ZAYCHIKOVA, Z.P.

Effect of acclimatization of animals to hypoxia on the radiosensitivity of nuclear structures. TSitologiia 3 no.5:602-605 S-O '61. (MIRA 14:10)

1. Laboratoriya radiatsionnoy tsitologii Instituta tsitologii AN SSSR, Leningrad.
(ANOXEMIA) (CELL NUCLEI)
(RADIATION—PHYSIOLOGICAL EFFECT)

ACCESSION NR: AP4027965 S/0205/64/004/002/0191/0196

AUTHOR: Paribok, V. P.; Kal'niy, V. S.

TITLE: Antiradiation action of inert gases and low molecular narcotics. 2. Effect of nitric oxide and compressed nitrogen on radiation damage of Vicia faba bean sprouts

SOURCE: Radiobiologiya, v. 4, no. 2, 1964, 191-196

TOPIC TAGS: X-irradiation, inert gas, low molecular gas, nitric oxide, compressed nitrogen, radioprotective action, oxygen effect, diffusion hypothesis, adsorption hypothesis, Vicia faba bean, chromosome aberration, nitric oxide radiomimetic action, nitric oxide radiosensitizing effect

ABSTRACT: The present investigation is a continuation of earlier experimental studies attempting to explain the radioprotective action of compressed inert gases in terms of the adsorption or diffusion hypothesis. Literature data have indicated that the radiosensitizing effect of nitric oxide corresponds qualitatively and quantitatively to oxygen with the only difference being that nitric oxide is not used

Card 1/3

ACCESSION NR: AP4027965

for cell respiration. To test the toxic and radiosensitizing effects of nitric oxide by the diffusion hypothesis, 5 day old Vicia faba bean sprouts were X-irradiated in nitric oxide with compressed nitrogen passing through. The bean sprouts in paraffin containers were placed into a cylinder containing nitric oxide and the compressed nitrogen was introduced through the cylinder wall 10 min before X-irradiation (RUM-11 unit, 180 kv, 20 ma, no filter, 45 r/min) with doses ranging from 135 to 450 r. Chromosome aberrations in root tips and root growth served as indices. Results show no radioprotective effect of compressed nitrogen in the presence of nitric oxide. The sensitizing effect of 0.04 and 0.65% for nitric oxide is equal to the sensitizing effect of 4 and 6% for oxygen at 20°C. In the presence of 6.6% oxygen, nitrogen under 5 atm completely inhibits the oxygen effect, and is completely ineffective in the presence of 0.4% and 0.65% nitric oxide. Nitric oxide displays some radiomimetic action by producing chromosome damage in irradiated and non-irradiated meristematic cells. The study confirms literature data that the radiosensitizing effects of nitric oxide correspond to those of oxygen. The absence of radioprotective action of compressed nitrogen in the presence of nitric acid appears to support the diffusion

Card 2/3

ACCESSION NR: AP4027965

hypothesis, but does not completely rule out the adsorption hypothesis. The authors "take the opportunity to express deep gratitude to T. B. Ikonnikova for assistance in setting up the experiments." Orig. art. has: 5 figures.

ASSOCIATION: Institut tsitologii AN SSSR, Leningrad (Cytology Institute AN SSSR)

SUBMITTED: 06Apr63 ENCL: 00

SUB CODE: LS NR REF SOV: 005 OTHER: 011

Card 3/3

PARIBOK, V.P.; KAL'NIY, V.S.

Radioprotective action of inert gases and low-molecular narcotics. Report No.2. Effect of nitrogen oxide and nitrogen under pressure on radiation injury in Vicia faba shoots. Radiobiologiia 4 no.2:191-196 '64. (MIRA 18:3)

1. Institut tsitologii AN SSSR, Leningrad.

KALNMACH, L. [Kalnmaca, L.] (Riga)

Administrative division of Latvia from the beginning of the 20th century until 1940. Vestis Latv ak no.12:5-14 '59. (EEAI 9:11)

1. Akademiya nauk Latviyskoy SSR, Institut ekonomiki.
(Latvia--Administrative and political divisions)

CSANADI, Gyorgy, dr.,egyetemi tanar; FASKERTI, Sandor; SZABO, Dezso, dr., a kozlekedestudomanyok kandidatusa, okl.mernok; CSUHAY, Denes; TAKACS, Endre; CSABAI, Rudolf; NAGY, Rudolf; KUTAS, Laszlo, mernok; VASARHELYI, Boldizsar, dr.,a muszaki tudomanyok doktora, tanszekvezeto egyetemi tanar; KOLLER, Sandor, muegyetemi adjunktus; KALNOKI [redacted], Sandor; GYOMBER, Sandor; TALLO, Gyula;KOZARY, Istvan; SZILAGYI, Lajos; HEGYI, Kalman,okl.mernok; BERCZIK, Andras; MARKI, Laszlo; PALFI, BUDINSZKI, Endre; NAGY, Endre,okl.mernok; SZATMARY, Ferenc; MAGORI, Judit; CSIKHELYI, Bela; MESZLERI, Zoltan; VEROSZTA, Imre; ZSIGA, Sandor; TOROK, Istvan; KONCZ, Laszlo; WESSELY, Ferencne; SZABO, Bela; KOMOROCZI, Lajos; GINTL, Jozsef; CSONTOS, Dezso; JAKAB, Sandor; LOVASZ, Istvan, mernok; KISS, Karoly; [redacted], Karoly

The City Transportation Conference in Szeged. Kozl tud sz 12 no.2: 49-54 F '62.

1. Akademiai levelezo tag, a kozlekedes- es postaugyi miniszter elso helyettese, es "Kozlekedestudomanyi Szemle" szerkeszto bizottsagi tagja (for Csanadi) 2. Kozlekedes- es Postaugyi Miniszterium Muszaki Felugyeleti Osztalyanak vezetoje (for Faskerti) 3. Fovarosi Tanacs Vegrehajto Bizottsaga VIII. Varosrendezesi es Epiteszeti Osztalyanak munkatarsa, es "Kozlekedestudomanyi Szemle" szerkeszto bizottsagi tagja (for Szabo)

(Continued on next card)

CSABAI, Gyorgy --- (Continued) Card 2.
4. Fomernok, Kozlekedes- es Postaugyi Miniszterium Kozlekedespolitikai Osztalyanak munkatarsa (for Csuhay) 5. Kozlekedes- es Postaugyi Miniszterium Autokozlekedesi Vezerigazgatosaganak szakosztalyvezetoje (for Takacs) 6. MAV fointezo, a Kozlekedestudomanyi Egyesulet miskolci teruleti szervezetenek titkara (for Csabai) 7. Fomernok, a Fovarosi Tanacs Vegrehajto Bizottsaga Kozlekedesi Igazgatosaga helyettes vezetoje (for Nagy) 8. Fovarosi Tanacs Vegrehajto Bizottsaga Kozlekedesi Igazgatosaganak fejlesztesi eloadoja (for Kutas) 9. "Kozlekedestudomanyi Szemle" szerkeszto bizottsagi tagja (for Vasarhelyi) 10. Csoportvezeto fomernok, Debrecen m.j. Varosi Tanacs Vegrehajto Bizottsaga Ipari es Kozlekedesi Osztaly (for Kalnoki Kiss) 11. Rendorornagy, Csongrad Megyei Rendorfokapitanysag Kozrendvedelmi Osztalya (for Gyomber) 12. Fomernok, Miskolc m.j. Varosi Tanacs Vegrehajto Bizottsaga Epitesi es Kozlekedesi Osztaly (for Tallo) 13. Fomernok, Kozlekedes-es Postaugyi Miniszterium Utosztalya (for Kozary) 14. Favorosi Tanacs Vegrehajto Bizottsaga VIII. Varosrendezesi es Epiteszeti Osztalyanak vezetoje (for Szilagyi) 15. Ut-Vasuttervezo Vallalat Kozlekedesi Osztalya vezetoje (for Hegyi) 16. BUVATI Kozlekedesi es Kozmuszakosztalyanak vezetoje, Budapest (for Berczik) 17. Pecs m.j. varos Tanacsa BV Epitesi es Kozlekedesi Osztalyanak vezetoje (for Marki)

(Continued on next card)

CSANADI, Gyorgy --- (Continued) Card 3.

18. Szeged m.j. Varosi Tanacs Epitesi es Kozlekedesi Osztalyanak fomernoke (for Palfi Budinszki) 19. Budapest Fovarosi Tanacs Melyepitesi Tervezo Vallalat iranyito tervezoje (for Endre Nagy) 20. Debreceni Kozlekedesi Vallalat igazgatoja (for Szatmary) 21. Budapest Fovarosi Tanacs Melyepitesi Tervezo Vallalat tervezomernoke (for Magori) 22. Budapest Fovarosi Tanacs Melyepitesi Tervezo Vallalat tervezomernoke (for Csikhelyi) 23. Miskolci Kozlekedesi Vallalat fomernoke (for Meszleri) 24. Kozlekedes- es Postaugyi Miniszterium Autokozlekedesi Foosztalyanak fomernoke (for Veroszta) 25. Szegedi Kozlekedesi Vallalat fomernoke (for Zsiga) 26. Miskolci Kozlekedesi Vallalat fokonyveloje (for Torok) 27. Debreceni Kozlekedesi Vallalat fomernoke (for Koncz) 28. Penzugyminiszterium foelloadoja (for Wessely) 29. Pecsi Kozlekedesi Vallalat igazgatoja (for Szabo) 30. Epitesugyi Miniszterium Varosrendezesi Foosztalyanak mernoke (for Komorocsi) 31. Fovarosi Villamosvasut Fomernoke (for Gintl)

(Continued on next card)

CSANADI Gyorgy --- (Continued) Card 4.

32. 51-es Autokozlekedesi Vallalat munkatarsa (for Csontos).
33. Ut-Vasuttervezo Vallalat irodavezeto fomernoke (for Jakab).
34. Budapesti Helyiérdeku Vasutak osztalyvezetoje (for Lovasz).
35. Magyar Allamvasutek igazgatohelyettese (for Kiss, Karoly).
36. Magyar Allamvasutak vezerigazgathohelyettese (for Rodonyi).

BENYEI, Andras, dr., a muszaki tudomanyok kandidatusa, tudomanyos munkatars; KALNOKI KIS, Sandor, okleveles mernok, egyetemi tanarseged

Taking streetcar traffic into consideration in determining the capacity of the circles in Budapest. Kozl tud sz 13 no.5:226-233 My '63.

1. Magyar Tudomanyos Akademia Kozlekedestudomanyi Munkakozossege (for Benyei).

IVANOVA, A.N.; KAL'NOV, Yu.N.; LASTOCHKINA, K.I.; MAKAROVA, I.A.; KHABAROVA, T.N.

Stratigraphy of Jurassic and Lower Cretaceous sediments in Astrakhan Province and areas adjacent to the Kalmyk A.S.S.R. Trudy NVNIIGG no.1:79-86 '64. (MIRA 18:6)

KALNOVIC, Frantisek

Technology of the light industry at the Brno exhibition. Drevo 17 no.4:121 Ap '62.

1. Ministerstvo spotrebneho priemyslu.

KAL'NOY, P. O.

Kal'noy, P. O.

"Methods of sowing seed in forest-reclamation nurseries in the southern Ukrainian SSR." Min Higher Education Ukrainian SSR, Ukrainian Order of Labor Red Banner Agricultural Academy. Kiev, 1956. (Dissertation for the Degree of Candidate in Agricultural Sciences).

Knizhnaya letopis'
No. 21, 1956. Moscow.

L 13288-66 EWT(d)/EWT(m)/EWP(v)/EWP(j)/T/EWP(k)/EWP(h)/EWP(l) RM

ACC NR: AP6000321 (A) SOURCE CODE: UR/0286/65/000/021/0010/0010

INVENTOR: Belotelov, N. A.; Verkhorubov, B. A.; Kal'nov, V. G.; Kryuchkov, A. D.; Litvin, A. P.; Mel'nichenko, V. Z.; Morozov, G. N.; Olerinskiy, B. I.; Klebanova, I. S.; Solnyshkin, L. M.; Fridman, A. N.; Shilov, L. A.; Shchutskiy, S. V.; Yanovskiy, E. A.

ORG: none

TITLE: A device for automatic control of an installation for polymerizing gaseous olefins. Class 12, No. 175923 [announced by the Leningrad Affiliate of the All Union Scientific Research and Design Institute for Chemical Machine Building (Leningradskiy filial Vsesoyuznogo nauchno-issledovatel'skogo i konstruktorskogo instituta khimicheskogo mashinostroyeniya)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 21, 1965, 10

TOPIC TAGS: polymerization, olefin, chemical engineering, automatic control equipment

ABSTRACT: This Author's Certificate introduces a device for automatic control of an

Card 1/3 UDC: 66.05-3 : 66.095.26 : 678.742.2

L 13288-66

ACC NR: AP6000321

installation for polymerizing gaseous olefins, e.g. in production of low pressure polyethylene. The unit consists of two temperature controllers connected to a flow regulator for the product reactor, and a pressure regulator connected to the controller for the coolant. For increased productivity and optimization of the process, one temperature controller is connected through a speed reducer to the pressure controller which is connected through a second speed reducer to the flow regulator for the product reactor. The other temperature controller is connected to the flow regulator for the coolant.

Card 2/3

L 13288-66

ACC NR: AP6000321

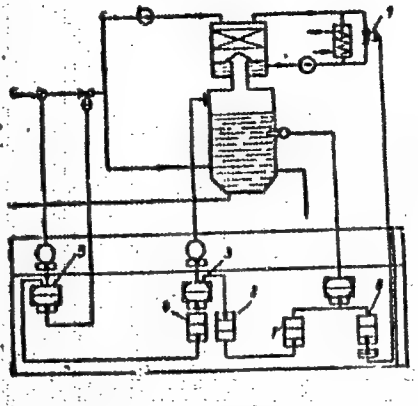


Fig. 1. 1 - first temperature controller; 2 - first speed reducer; 3 - pressure regulator; 4 - second speed reducer; 5 - flow regulator for the product; 6 - second temperature controller; 7 - flow regulator for the coolant.

SUB CODE: 07/ SUBM DATE: 01Feb65/

Card 3/3

KAL'NOY, V.M. (Yeysk)

Primary reticulosarcoma of the small intestine complicated by diffuse suppurative peritonitis. Khirurgiia 34 no.9:111-112 S '58. (MIRA 12:4)

(INTESTINES—TUMORS) (PERITONITIS)

KAL'NOY, V. M. (Captain of the Medical Service)

"Traumatism in Antiaircraft Artillery Units"

Voyenno-Meditsinskiy Zhurnal, No. 10, October 1961

KAL'NOY, V.M., kapitan.med.sluzhby

Injuries in antiaircraft artillery units. Voen.-med.zhur. no.10:88 O '61. (MIRA 15:5)

(MEDICINE, MILITARY)

ANTONOV, G. I., KHALEMSKIY, S.F., KAL'NOY, Ye.L, POLYAKOV, V.F.

Using unfired forsterite bricks in small-capacity furnaces.
Metallurg 5 no.7:17-20 Jl '60. (MIRA 13:7).

1. Ukrainskiy institut ogneuporov i zavod im. Malysheva.
(Open-hearth furnaces)
(Firebrick)

ANTONOV, G. I., inzh.; SHEYKO, I. I., inzh.; KHALEMSKIY, S. F., inzh.; KAL'NOY, Ye. L., inzh.

Using 50 mm. facing bricks in open-hearth furnaces in foundries. Mashinostroenie no.5:42-43 S-O '62. (MIRA 16:1)

1. Ukrainskiy institut ogneuporov i Zavod im. Malysheva.

(Open hearth furnaces—Equipment and supplies)

ANTONOV, G.I.; BERMAN, Sh.M.; KOSOGOLOV, V.V.; SHEYKO, I.I.; KAL'NOY, Ye.L.; KHALEMSKIY, S.F.

Present state and prospects for the development of refractory linings in foundry open-hearth furnaces. Lit. proizv. no.6: 19-21 Je '63. (MIRA 16:7)

(Open-hearth furnaces--Design and construction)
(Refractory materials)

KALNYN', E. E. Cand Med Sci -- (diss "Changes in the Cardiovascular System During Botkin's Disease (~~Infectious~~ Epidemic Hepatitis)." Riga, 1957. 20 pp with illustrations, 20 cm. (Min of Health Latvian SSR, Riga Medical Inst), 300 copies (KL, 27-57, 110)

KALNYAN'SH, E.E. [Kalniņš, E.], kand.med.nauk; ANSHELEVICH, Yu.V.

Case of successful therapy of Addison's crisis. Sov.med. 23 no.9: 125-126 S '59. (MIRA 13:1)

1. Iz kliniki propedevtiki (zav. E.E. Kalnyn'sh) Rizhskogo meditsinskogo instituta (ispolnyayushchiy obyazannosti direktora - prof. V.A. Kal'berg).
(ADDISON'S DISEASE ther.)

KALNIN', M. A.

Kalnin', M. A.

"The Effect of Dnervation of the Spleen on the Processes of Blood Formation (Experimental Investigation)." Inst of Experimental Medicine, Acad Sci Latvian SSR, Riga, 1955 (Dissertation for the degree of Candidate in Medical Science)

SO: Knizhnaya letopis' No. 27, 2 July 1955

KALNYN, M.A.

USSR/General Problems of Pathology. Immunity U-1

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65883

Author : Kalnyn', M.A., Karlson I.P.
Inst : Riga Medical Institute
Title : The Effect of Splenic Denervation and Splenectomy Upon the Opsono-Phagocytic Reaction

Orig Pub : Zinatn. rakstu krajums. Rigas med. inst., Sb. nauchn. rabot Rizhsk. med. in-ta, 1957, 7, 46-54

Abstract : Splenic (S) denervation and splenectomy in dogs caused a prolonged decrease in the opsono-phagocytic reaction (OPR). After acute blood loss (to 30 percent of blood volume), in the dogs with intact spleens there was an initial decrease in the OPR indices followed by an increase near the 14th day. In dogs with splenic denervation the indices were different, but near the 2nd week the OPR remained somewhat decreased. In splenectomized animals the initial reaction level was lowered; later the reaction dynamics approached the situation in a control group. -- V.A. Fradkin.

Card : 1/1

ACCESSION NR: AT4042290 S/0000/63/003/000/0129/0135

AUTHOR: Bushman, A.K., Kalny*n, T. ...

TITLE: Use of permanent magnets in induction pumps

SOURCE: Soveshchaniye po teoreticheskoy i prikladnoy magnitnoy gidrodinamike. 3d, Riga, 1962. Voprosy* magnitnoy gidrodinamiki (Problems in magnetic hydrodynamics); doklady* soveshchaniya, v. 3. Riga, Izd-vo AN LatSSR, 1963, 129-135

TOPIC TAGS: electromagnetic induction pump, permanent magnet system, high temperature magnet performance, pump design, pump efficiency, rotating magnet assembly, induction pump

ABSTRACT: The authors present design calculations for a spiral induction pump with a star-shaped rotor and permanent rotating magnets, intended for transfer of liquid metal. Pressure and output are assigned. It is assumed that the magnetic system is magnetized after pump assembly and that the armature reaction can be ignored. The authors suggest that the advantages of a pump with rotating permanent magnets include increased efficiency due to elimination of a feed coil, capacity for operation at 500C without supplemental

Card 1/2

ACCESSION NR: AT4042290

cooling (when using Magnico permanent magnets with an anisotropic structure), and dependence of power factor solely on the cos φ of the motor. The sole cited disadvantage is the incorporation of rotating parts. Orig. art. has: 1 figure and numerous equations.

ASSOCIATION: none

SUBMITTED: 04Dec63 ENCL: 00

SUB CODE: ME NO REF SOV: 005 OTHER: 003

Card 2/2

BABADZHANYAN, M.G.; KALNYN', V.R.; KOSENKO, S.A.; KOSTINA, Ye.I.

Effect of supplementary vitamin intake on some physiological functions of workers in electric locomotive brigade. Vop. pit. 19 no. 5:18-24 S-O '60. (MIRA 14:2)

1. Iz otdela gigiyeny pitaniya (zav. F.M. Mirochnik) i fiziologicheskoy laboratorii (zav. - kand.med.nauk A.M. Volkov), TSentral'noy nauchno-issledovatel'skoy laboratorii gigiyeny i epidemiologii Ministestva putey soobshcheniya SSSR i iz laboratorii izucheniya vitaminov (zav. - prof. V.V. Yefremov) Instituta pitaniya AMN SSSR, Moskva.
(VITAMINS)
(RAILROADS--EMPLOYEES--DISEASES AND HYGIENE)

KALNINS, A. A.

LAPTEV, I.D.; TERYAYEVA, A.P.; SAPIL'NIKOV, N.G.; CHENTSOV, R.Ye. [deceased]; SEPP, Ya.P.; SUVOROVA, L.I.; ZASLAVSKAYA, T.I.; GREKOVA, A.I.; TONKOVICH, V.S.; IBRAGIMOV, A.I.; KOTSYUBA, T.Ya.; KURYLEV, V.M.; KOVALEVSKIY, G.T.; KALNYNSH, A.A. [Kalnins, A.]; SIDOROVA, M.I.; MALISHAUSKAS, V.I. [Malisauskas, V.]; PASECHNIK, P.P.; BUGAREVICH, V.S.; KARNAUKHOVA, Ye.I.; AREF'YEV, T.I.; KAZAKOV, I.G.; GUMOVSKIY, I.A.; SEMIN, S.I., red.; LINKUNA, N.I., red.; TSITKO, I.A., red.; VOLKOVA, V.V., tekhn. red.

[Material incentives for developing the collective farm production] Material'noe stimulirovanie razvitiia kolkhoznogo proizvodstva. Moskva, Izd-vo AN SSSR, 1963. 326 p. (MIRA 16:12)

1. Akademiya nauk SSSR. Institut ekonomiki. 2. Institut ekonomiki AN SSSR (for Laptev, Teryayeva, Suvorova, Zaslavskaya, Sidorova, Karnaukhova). 3. Sredneaziatskiy gosudarstvennyy universitet (for Sapil'nikov). 4. Komi filial AN SSSR (for Chentsov). 5. Institut ekonomiki AN Estonskoy SSR (for Sepp). 6 Bashkirskiy filial AN SSSR (for Grekova). 7. Institut ekonomiki AN Belorusskoy SSR (for Tonkovich, Kovalevskiy). 8. Institut ekonomiki AN Uzbekskoy SSR (for Ibragimov).

(Continued on next card)

LAPTEV, I.D.--- (continued). Card 2.

9. Institut ekonomiki AN Ukr.SSR (for Kotsyuba, Pasechnik). 10. Belorusskiy institut ekonomiki i organizatsii sel'skokhozyaystvennogo proizvodstva (for Bugarevich). 11. Vsesoyuznyy institut sakharnoy svekly (for Aref'yev). 12. Institut ekonomiki AN Kirgizskoy SSR (for Kazakov). 13. Rabotnik TSentral'nogo komiteta Kommunisticheskoy partii Moldavskoy SSR (for Gumovskiy). 14. Kuybyshevskiy planovyy institut (for Kurylev).
(Collective farms--Income distribution)

L 08814-67 EWT(1) TT/AT

ACC NR: AT6023092 (A) SOURCE CODE: UR/3200/65/000/004/0115/0140

AUTHOR: Kalnyn'sh, I. R. 33

ORG: none

TITLE: Flywheel generators for mobile electric power plants

SOURCE: AN LatSSR. Institut energetiki. Beskontaktnyye elektricheskiye mashiny, no. 4, 1965, 115-140

TOPIC TAGS: electric generator, electric generator unit, synchronous electric generator, power plant, electric power engineering, electric power plant

ABSTRACT: This article contains a survey of existing flywheel synchronous generators for applications in mobile power plant manufacturing. A conventional portable electric generator consists of an internal combustion engine equipped with a flywheel and connected by a flexible coupling to a generator; both the engine and the generator are mounted on a rigid frame. This type of construction has a number of disadvantages in manufacturing, as well as in operation. Many of these disadvantages are eliminated in flywheel generators in which the rotor also constitutes the flywheel of the driving engine. Thus, there is no need for a separate flywheel, the flexible coupling, and the rigid frame mounting. There are two basic types of external rotor flywheel generators: the brush and brushless. Both of the brush-type generators have a dc excitation coil

Card 1/2

L 08814-67

ACC NR: AT6023092 0

as a part of the rotor. This is the main disadvantage of this design: the brushes wear, frequently require servicing, there is radio interference due to brush contacts, and the rotating coil is subjected to high mechanical stresses. The application of a solid state switching network within the rotor to generate dc from the rotating secondary of a rotary coupling transformer eliminates the brushes, but also adds to the complexity of the generator. While they are less efficient and larger, the brushless generators do not have any of these problems. Two types are known: the brushless alternating and pulsating flywheel generators. Considering the requirements for low wave-form distortion and a constant output frequency at a given speed, only generators with axial excitation are being manufactured. This, however, necessitates the location of the coils far from the active portions of the magnetic structure, thus reducing efficiency and increasing magnetic leakage. The author describes the construction of several models of commercially available brushless generators. The flywheel brushless generators have the greatest reliability and ease of operation, factors especially important for mobile power plants. Orig. art. has: 17 figures.

SUB CODE: 09,10/ SUBM DATE: none/ ORIG REF: 016/ OTH REF: 029

Card 2/2 nst

L 46779-66 EWT(1) TT/AT

ACC NR: AR6014544 (A) SOURCE CODE: UR/0196/65/000/011/I022/I022

AUTHOR: Kalnyn'sh, I. R.

46 B

TITLE: Flywheel generator for transportable electric power plants

SOURCE: Ref. zh. Elektrotekhnika i energetika, Abs. 11I137

REF SOURCE: Sb. Beskontakt. elektr. mashiny. Vyp. 4, Riga, Zinatne, 1965, 115-140

TOPIC TAGS: electric generator, electric power plant, ferromagnetic material

ABSTRACT: Various types of flywheel synchronous generators (FSG) -- contact and contactless -- intended for transportable power plants are considered. By using FSG, the weight and size of transportable and stationary power plants driven by internal-combustion engines can be reduced. Available FSG's with rotary d-c winding have brush-contact devices which reduces the operating reliability of the power plant. The using of contactless FSG enhances reliability and ensures minimum maintenance. The contactless FSG may be equipped either with rotary windings (and semiconductor rectifiers) or stationary windings. The axial-field contactless FSG's with stationary windings can be subdivided into alternating and pulsating classes. These designs utilize highly economic round field coils that encompass total magnetic flux. The contactless FSG's with the stationary windings require larger amount of ferromagnetic material. The amount of conductive material in the windings of these machines may be about the same as in nonsalinent-pole and salient-pole FSG's. The alternating-

Card 1/2 UDC: 621.313.322-843.011.1+621.311.28

L 16779-65

ACC NR: AR6014544 O

class contactless FSG's have operational advantages and permit complete utilization of armature active material. However, their field-pole systems have substantial interpole-leakage fluxes which reduce the utilization of the total flux. The mechanical nonmagnetic coupling of rotary pole systems complicated the manufacture of the flywheel-type rotor. The pulsating-class (inductor-type) FSG's have all the operational characteristics of contactless FSG's and preserve high economy of d-c round coils. The flywheel-type rotor of the pulsating FSG's is simple to manufacture and is reliable in operation; however, owing to a permanent component in the flux, the utilization of armature ferromagnetic materials is much lower. Seventeen figures. Bibliography of 45 titles. G. Salgus [Translation of abstract]

SUB CODE: 09,10

Card 2/2 hs

KALNIN'SH, V.K.

0-1

USSR/Plant Diseases. General Problems.

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25311.

Author : Kalnyn'sh, V.K.
Inst :
Title : A Study of the Antibiotic Activity of Trichoderma Lignorum Harz. A Contribution to Several Species of Fusarium. (Izucheniye antibioticheskoy aktivnosti Tricho-derma lignorum Harz. K nekotoryn vidam Fusarium).

Orig Pub: V.kn.: sb. tr. po zashchite rast., Riga, AN LatvSSR, 1956, 175-180.

Abstract: Under field conditions a study was made of the antibiotic activity of trichodermin preparation made from the soil fungus T. lignorum with regard to Fusarium lini Boll, which attacks flax, as well as F. avenacearum Sacc. and other species of Fusarium which cause summer wheat disease.

Card : 1/2

I. 09902-67 EWT(m)/EWP(t)/ETI IJP(c) JD

ACC NR: AP6033669 SOURCE CODE: UR/0371/66/000/004/0034/0039

30

AUTHOR: Kalnynya, R. P. --Kalnina, R.; Feltyn', I. A. -- Feltins, I.

ORG: Institute of Power Engineering, AN LatSSR (Institut energetiki AN Latv. SSR)

TITLE: Local diffusion of gallium in germanium

SOURCE: AN LatSSR. Izvestiya. Seriya fizicheskikh i tekhnicheskikh nauk, no. 4, 1966, 34-39

TOPIC TAGS: gallium, germanium, silicon dioxide film, gallium diffusion, gallium doped silicon dioxide, vapor phase diffusion

ABSTRACT: A method has been developed for the formation of local p—n transitions in germanium by the use of gallium doped silicon dioxide films. Conditions have been investigated for alloying silicon dioxide films with gallium in the process of preliminary diffusion from the vapor phase. Diffusion layers have been obtained in germanium with surface concentration of $\sim 10^{16}-10^{17}$ cm^{-3} by gallium diffusion from the alloyed silicon dioxide films. Orig. art. has: 4 figures and 3 tables. [Based on authors' abstract]

SUB CODE: 20/ SUBM DATE: 29Nov65/ ORIG REF: 001/ OTH REF: 013/

Card 1/1 mk

KALNYSHEV, M.V., kapitan, voyennyy letchik-instruktor pervogo klassa;
SOKOLOV, N.I., leytenant, voyennyy letchik tret'yego klassa;
MALENEV, V.A., leytenant, voyennyy letchik tret'yego klassa;
DROZD, M.I., leytenant, voyennyy letchik tret'yego klassa

We support this project. Vest.Vozd.Fl. no.2:84-85 F '60.
(MIRA 13:7)

(Flight training)

KAL'NYY, V.S.

Nature of the radiation-protective effect of inert gases and low-molecular narcotics. Report No. 3. Effect of compressed nitrogen on the stickiness of chromosomes following irradiation of infiltrated bean seedlings. TSitologiia 7 no.5:657-659 S-O '65. (MIRA 18:12)

1. Laboratoriya radiatsionnoy tsitologii Instituta tsitologii AN SSSR, Leningrad. Submitted Dec. 11, 1964.

KAL'O, D. L.

KAL'O, D: "Llandovery and Ordovician rugosas of the Baltic region, their distribution and development." Tartu State U. Tartu, 1956. (Dissertation for the Degree of Candidate in Geologi-comineralogical Science)

Source: Knizhnaya letopis' No 40 1956 Moscow

KALO, D. L.

15-57-5-5846

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 5, p 19 (USSR)

AUTHOR: Kal'o, D. L.

TITLE: Streptelasma-Type Tetracorals in the Ordovician of the Baltic Area (O streptelazmidnykh rugozakh pribaltiyskogo ordovika)

PERIODICAL: Tr. In-ta geol. AN EstSSR, 1956, Vol 1, pp 68-73.

ABSTRACT: The author describes new species of tetracorals: Lambeophyllum dybowskii n. sp. (Yykhvi horizon, O_2), Leolasma sociale n. sp., Brachyelasma oanduensis n. sp. (both from the Keyla horizon, O_2), B. concava n. sp. (Vazalemma horizon, O_3). A supplementary description is given for the genus Leolasma Kaljo. Two series have been distinguished according to their phylogenetic relations: 1) those with long septa and with the later appearance of a theca (Streptelasma, Kiaerophyllum) and 2) those with shortened septa and with a theca that appears at a comparatively early stage in the ontogeny

Card 1/2

15-57-5-5846

Streptelasma-Type Tetracorals in the Ordovician (Cont.)

(Leolasma, Grewingkia, Brachyelasma). Both groups were derived from Lambeophyllum. It must be considered that the absence of tabulae in the calyx of streptelasmic corals is a generic or even a subgeneric feature.

Card 2/2

D. I.

NESTOR, Kheldur Eduardovich; KAL'O, D.L.[Kaljo, D.], red.; ORVIKU, K.K., akademik, red.; BAUKOV, S.S., kand. geol. nauk, red.; MYANIL', R.M.[Männil, R.], kand. geol. nauk, red.; PAL'MRE, Kh.G. [Palmre, H.], kand. geol. nauk, red.; SKVORTSOVA, A., red.

[Ordovician and Llandoverian Stromatoporoidea of Estonia] Stromatoporoidei ordovika i llandoveri Estonii. Tallinn, In-t geol. AN Estonskoi SSR, 1964. 111 p. (MIRA 18:5)

1. Akademiya nauk Estonskoy SSR (for Orviku).

RAUKAS, Anto, kand. geol.-miner. nauk; ORVIK, K.K., akademik, red.; KAL'O, D.L.[Kalju, D.], kand. geol.-miner. nauk, red.; VIYDING, Kh.A.[Viiding, H.], kand. geol.-miner. nauk, red.; NURM, E., kand. filolog. nauk, red.; KINDLAM, M., red.

[Granulometric classification of detrital rocks] Purdkivimite terasuuruse klassifikatsioon. Klassifikatsiia oblomochnykh porod po granulometricheskomu sostavu. Tallinn, Eesti NSV Teaduste Akadeemia, 1964. 4 p. 9 tables. (MIRA 18:5)

1. Akademiya nauk Estonskoy SSR (for Orvik).

KALO, D. L.

23-58-1-7/10

AUTHORS: Kal'o, D.L. and Ryymusoks, A.K., Candidates of Geological and Mineralogical Sciences
Myannil', R.M.

TITLE: On the Series of the Baltic Ordovician and Their Significance (O seriyakh pribaltiyskogo ordovika i ikh znachenii)

PERIODICAL: Izvestiya Akademii nauk Estonskoy SSR, Seriya tekhnicheskikh i fiziko-matematicheskikh nauk, 1958, Nr 1, pp 71-74 (USSR)

ABSTRACT: The authors contend that the English way of dividing Ordovician deposits is not applicable to the Baltic States and all of Balto-Scandinavia. Distinct stratigraphic terms are required which should correspond with the various stages of geological development in the regions under consideration. Regional names for series and subseries are suggested to be used instead, such as Harjuan Series for Upper Ordovician, Viruan Series for Middle Ordovician and Oelandian Series for the first Baltic Ordovician.
There are 14 references, 7 of which are Soviet, 4 Estonian, 1 German, 1 Swedish and 1 Norwegian.

Card 1/2

23-58-1-7/10

On the Series of the Baltic Ordovician and Their Significance

ASSOCIATION: Institut geologii Akademii nauk Estonskoy SSR (Institute of Geology of the Estonian SSR Academy of Sciences)

SUBMITTED: November 13, 1957

NOTE: Russian title and Russian names of individuals and institutions appearing in this article have been used in the transliteration.

1. Geology--USSR

Card 2/2

ORVIKU, K., akademik; BAUKOV, S.S., kand. geol.-miner. nauk, red. vypuska; KAL'O, D.L.[Kaljo, D.], kand. geol.-miner. nauk, red.; MYANNIL', R.M.[Männil, R.], kand. geol.-miner. nauk, red.; PAL'MRE, Kh.G.[Palmre, H.], kand. geol.-miner. nauk, red.

[Lithology of Paleozoic sediments in Estonia] Litologiia paleozoiskikh otlozhenii Estonii. Tallin, AN Estonskoi SSR, 1964. 131 p. (MIRA 18:1)

1. Eesti NSV Teaduste Akadeemia Geoloogia Instituut.
2. Akademiya nauk Estonskoy SSR (for Orviku).

ORVIKU, K.I., akademik, red.; BAUKOV, S.S., kand. geol.-miner. nauk, red.; KAL'O, D.L. [Kaljo, D.], kand. geol.-miner, nauk, red.; MYANNIL', R.M. [Männil, R.], kand. geol.-miner. nauk, red.; PAL'MRE, Kh.G. [Palmre, H.], kand. geol.-miner. nauk, red.; SKVORTSOVA, A., red.

[Lithology and stratigraphy of Quaternary sediments in Estonia; for the 7th Congress of the International Association on Quaternary Research held in the U.S.A., 1965] Litologiia i stratigrafiia chetvertichnykh otlozhenii Estonii; k VII Mezhdunarodnomu kongressu INKVA v SShA, 1965. Tallinn, 1965. 147 p. (MIRA 19:1)

1. Eesti NSV Teaduste Akadeemia. Geoloogia instituut.
2. Akademiya nauk Estonskoy SSR (for Orviku).

KALO, M.

TECHNOLOGY

PERIODICALS TEKNIKA VOL. 5, Sept./Octo. 1958

Kalo, m. Some technological problems in the production of wooden barrels at the Misto Mame Factory. p.9.

Monthly List of East European Accessions (EEA I), LC, Vol. 8, No. 5, May 1959, Unclass.

KALO, M.

"Improving standards in woodwork and the manufacture of furniture."

p.4 (Teknika, Vol. 5, no. 1, Jan./ Feb. 1958, Tirana, Albania)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

KALOBNEV, I.F.

F-5

Category : USSR/Solid State Physics - Phase Transformations in Solid Bodies

Abs Jour : Ref Zhur - Fizika, No 3, 1957, No 5611

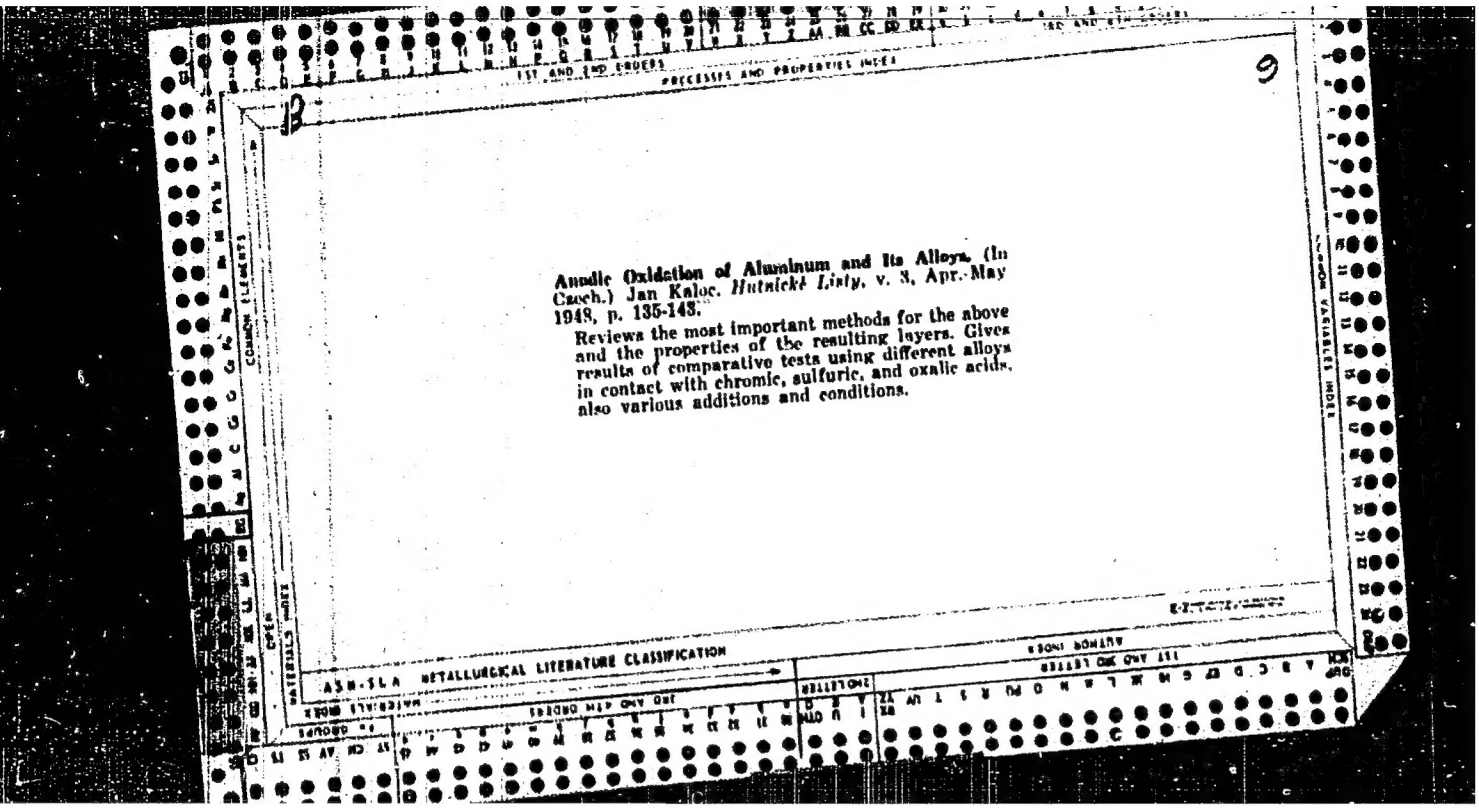
Author : Kalobnev, I.F., Aristova, N.A., Bernshteyn, M.L., Nekitina, Ye.N.

Title : Use of the Ultraviolet Microscope in the Investigation of the Structure of Aluminum Alloys.

Orig Pub : Zavod. laboratoriya, 1956, 22, No 7, 803-804

Abstract : No abstract

Card : 1/1



Anodic Oxidation of Aluminum and Its Alloys. (In Czech.) Jan Kaloc. *Hutnické Listy*, v. 3, Apr.-May 1948, p. 135-143.

Reviews the most important methods for the above and the properties of the resulting layers. Gives results of comparative tests using different alloys in contact with chromic, sulfuric, and oxalic acids, also various additions and conditions.